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SYSTRA unveils 'Paramics Discovery 26' with brand new capability for active travel microsimulation

The latest version of SYSTRA's state of the art and industry standard microsimulation modelling software Paramics Discovery 26 now includes cyclist modelling and pedestrian visualisation capability.

SYSTRA is delighted to unveil **Paramics Discovery 26**. The latest version of the well-known Paramics transport planning software tool has improved functionality to simulate behaviour across more modes of transport to better reflect how we use our road infrastructure.

Paramics has been reproducing real world traffic conditions by simulating travel behaviour on a user-defined road network for motorised transport modes since 1996. The latest version **Paramics Discovery 26** includes active travel modes for the first time and has been designed to enable transport professionals to design, evaluate and present transport and mobility solutions.

Paramics Discovery 26 can be used to test a wide variety of transport planning interventions simply and quickly, including assessing the impact of increased traffic on a road network, new junctions and infrastructure, changes to traffic signal control, public transport operations, roadworks and event planning.

The intuitive software also enables transport planners to assess both economic and environmental impact from their proposed interventions including cycling and walking to public transport and private motorised modes.

SYSTRA Managing Director Consultancy, **Sébastien Dupont** said, *"We are incredibly excited to reveal Paramics Discovery 26. We listened to our clients, colleagues and authorities around the globe who expressed a strong interest for sustainable transport modes to help their detailed transport planning and appraisal programmes. With Paramics Discovery 26 we have equipped authorities with an intelligent tool to support the transition to NetZero. We hope you like it as much as we do."*

SYSTRA Digital Director, **Malcolm Calvert** said, *"Two years in development, and we are absolutely delighted to release Paramics Discovery 26. As towns and cities throughout the globe are witnessing a massive return on investment by dedicating more road space to active travel modes, our improved software will for the first time allow authorities to envisage thriving local economies and test how best to reach their carbon reduction targets."*

For more information please visit: [Latest News](#)

For more information or to arrange an interview please call:

Sarah White +44 (0)7774 192994 swhite@systra.com

Marion Gourlay TransportPR 07801 301 259 marion@transportpr.com



ABOUT SYSTRA

SYSTRA Ltd is a UK & Ireland consulting and engineering business, and a world leader in mobility and mass transit. We deliver planning and development consultancy, engineering design, project management, and specialist technical services, that enables the safe and efficient movement of people and goods.

Notes to Editor:

1. SYSTRA's Digital Director Malcolm Calvert is available for interview or comment.
2. Follow [this link](#) for more information on Paramics Microsimulation.
3. Paramics is used by over 50 public and private sector organisations from Aberdeen and Birmingham City Councils to Siemens Mobility and WSP.
4. Paramics Microsimulation is a software division of SYSTRA Ltd.
5. In April 2016, SYSTRA acquired Edinburgh based transport planning consultancy SIAS, welcoming all 40 staff who joined SYSTRA. The SIAS firm founded the microsimulation modelling software Paramics, and as an integral part of SYSTRA continues to develop the industry standard software.
6. Paramics was famously showcased in London's Millennium Dome (1999) exhibition, 'Journey' zone where visitors could interactively discover what would happen to our cities should we keep building new roads.
7. Paramics Discovery 26 has many new features: a 'stored views dialog' making it easier to save, name and locate views anywhere on your network; vehicle marking to enable users to highlight five different vehicle characteristics; the ability to model parking on both sides of a one-way street; model cyclists riding side by side in lane; allows vehicles to pass cycles in the lane; the creation of cycle boxes at the end of links; model early start signals for cyclists; add pedestrian visualisation on pavements; and add a new pedestrian vehicle base type which uses animated pedestrian shapes.
8. In the UK & Ireland, SYSTRA provides Transport Planning Consultancy and Rail and Urban Transport engineering services. With over 950 colleagues, we work with our clients to think through complex issues concerning the location and movement of people, goods and services – as well as helping them maximise the potential of their own businesses. We have been providing Transport Consultancy services in the UK for over 50 years and have an excellent reputation for the provision of high quality, robust and independent advice to our clients. SYSTRA is a UK registered subsidiary of SYSTRA Group which has over 8,000 employees worldwide.
9. In 2019, SYSTRA doubled the size of its UK & Ireland operations through the acquisition of TSP Projects, a multidisciplinary engineering firm formed in 1987 with a rich heritage in rail. The combined company provides clients with a complete end-to-end service spanning every aspect of rail projects, as well as specialist understanding of mobility and complex infrastructure. We deliver expertise across the full project lifecycle, from strategic advisory and design to systems integration, programme/construction management, testing & commissioning, and asset management. This expertise will be delivered through a significantly expanded UK footprint, providing clients with a highly localised service.
10. For more information on forthcoming announcements visit our web site www.systra.co.uk

SYSTRA Ltd • 3rd Floor • 1 Carey Lane • London • United Kingdom • EC2V 8AE

Tel: +44 20 3855 0079 • Website: www.systra.co.uk

VAT Number: GB182382695 • Registered Number: 3383212